

Johnston Ridge Observatory & Coldwater Lake

11:00 Arrival Time

- Before you leave** Gather chaperones and define your expectations for them during the field trip. Chaperones are responsible for helping students' complete their assigned activities and for supervising their student groups' behavior at all times. Leave your school and drive on I-5 to the Castle Rock exit #49.
- Drive to the Coldwater Lake Recreation Area on State Route 504. Review the Monument's rules and regulations.
- 11:00 to 12:10 On arrival at Coldwater Lake Recreation Area provide time for a bathroom break. Have students gather at the 'Birth of a Lake' Trailhead and discuss the importance of students staying on the trail at all times. **There is a \$100 fine for anyone that walks off trail, collects rocks, plants, or animals.** Conduct one of the lesson plans posted on the teachers corner.
- If you want to examine the landslides role in forming the lake and how landforms, water, plants and animals are influencing the development of habitats conduct: "Changing Habitats".
- If you want to examine management and ethical issues faced by the Monument Manager conduct: "Natural or Unnatural?"
- 12:10 to 12:40 **Eat Lunch** in the picnic area.
- 12:40 to 1:00 Drive to Johnston Ridge Observatory. Upon arrival have your students wait on the bus while a chaperone/teacher walks up to inform us of your arrival. A ranger will board your bus and review rules and behavioral expectations. Instruct the bus driver to drive to the drop off/pickup area by 2:10 to speed the loading process.
- 1:00 to 1:40 Students use information from exhibits inside the Observatory to complete the worksheet "Volcanoes Shake and Bake".
- 1:40 to 2:00 Watch the 1:40 showing of "Message from the Mountain," a 16-minute theater presentation on the May 18, 1980, eruption and subsequent dome building eruptions. **Theater doors close automatically at 1:40. No admittance after the movie begins, next show starts at 2:10.**
- 2:00 As students exit the theater direct them back to the bus. Depart for your school. Conduct "Volcanoes A-Z" activity en route to your school.